

State of Washington

Department of Ecology Northwest Regional Office 4350 - 150th Avenue N.E. Redmond, WA 98052

SCL 04265

Mary Kautz

-eCTion

SCAN 731-7036 (206) 867-7036



It's a pleasure to serve you . . .

We are happy to send the attached material. Please feel free to call on us any time we may be of further service.

Division or Section

ECY 010-29

SCL 04266

RECEIPT

WASHINGTON STATE

163635

DEPARTMENT OF	5- 25- 25
RECEIVED FROM Laurie feise	inger lasta
ON and Tho -	Dollars / To
FUND: General Rec. Rev. Basic Data	Other Cash
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/	Thank You
153	SCL 04267
ECY 010-144	JUL 0420/

DEPARTMENT OF ECOLOGY INSPECTION REPORT

TO: Files, Dan Cargill DATE OF VISIT: 5/21/86 NEW INDUSTRY:

INSPECTOR: Richard Koch PERMIT NO: WA-000000-0 PERMIT EXPIRES:

TYPE OF INSPECTION

PERMIT	APPLICATION		COMPI	AINT	
PERMIT	RENEWAL		ENFO	CEMENT	
PERMIT	COMPLIANCE	-	DROP	IN	XXX

PACILITY: Famco Transport Co.

ADDRESS: 6640 Ellis Ave.

CITY: Seattle ZIP 98108 COUNTY: King PH. NO. 762-2373

PERSON CONTACTED: Ron Kleines

TYPE OF FACILITY: Truck Dispatch and maintenance yard

RECEIVING WATER: to be determined TYPE OF TREATMENT SYSTEM: none

OPERATION Satis Fair xx Unsatis

Does comply with permit conditions: na

DESCRIPTION: Maintenance shop is also storage area for degreasers, lubricating oil, and motor oil. Waste motor oil is dumped into a 250 gallon tank resembling a home fuel oil tank. Other than the building wall there is no containment. Because of the tanks proximity to the door, berming on two additional sides is desirable.

Degreasers are in a self contained barrel with wash tank mounted on top of the barrel. Barrel and degreaser are picked by supplier and replaced. Trucks and trailers are power washed in the parking lot with WACO products ReAct 1 and ReAct 2P. ReAct 2P is an alkaline detergent and ReAct 1 has aluminum brighteners. A product data sheet has been requested from WACO.

FOLLOW UP:

1. Check side sewer cards for sewers connection for parking lot drain. Parking lot drains into storm sewer according side sewer card.

2. Send NPDES permit application.

3.

Richard A. Koch District Engineer Environmental Quality

Mary please Send a permit application To FAMCO.

SCL 04268

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Bugget sex ix

Exchange Bldg. • 821 Second Ave., Seattle, Washington 98104

January 24, 1983

Mr. W. R. Diefenderfer
Facilities Engineering
Boeing Commercial Airplane Company
P.O. Box 3707
M/S 26-15
Seattle, Washington 98124

Dear Mr. Diefenderfer:

On August 12, 1982 Metro collected sediment samples from storm drains on the Boeing Commercial Airplane Company properties at North Boeing Field. These storm drains discharge into the Duwamish River at Slip #4. One sample (#5) was collected in the storm water flume adjacent to the Seattle City Light Steam Plant. The other sample (#5) was collected at a storm sewer manhole between Buildings 3.369 and 3.372. Discharge in this pipe drains a portion of the aircraft parking area at North Boeing Field (see attached map).

Both samples were analyzed for PCB's. Results of the analyses are listed in the attached table.

As you can see, the sediment concentrations in the flume had 164 times the amount of PCB's that were present in the aircraft parking area storm sewer. Metro is concerned with the presence of PCB's in the flume because of possible input to the Duwamish River. The origin of the PCB contamination is uncertain. The Boeing Commercial Airplane Company should contact the Washington State Department of Ecology prior to undertaking any activity which would disturb the sediment in the bottom of the flume.

In order to evaluate the present situation, Metro would appreciate any information you have regarding the drainage system around the aquaduct and any possible present or past practices which could have contributed PCB's. In the future Metro may wish to collect more samples on the North Boeing Field properties. We would appreciate an indication of the appropriate process for obtaining approval for collecting storm water samples on your properties.

JAN 2 7 1930

DEFACTALL TO THE THOOK

Mr. W. R. Diefenderfer Boeing Commercial Airplane Company Page Two

A copy of the recent Metro report "Water Quality Assessment of the Duwamish Estuary" is being sent you via a separate letter.

Metro staff is willing to meet with you at your convenience to discuss the information in this letter and also the report. Thank you for your cooperation.

If you have any questions, please contact Denise Healy at 447-6747.

Very truly yours,

Denise M. Healy Industrial Waste Investigator Water Quality Division

DMH/mp Enclosure cc: Mr. Gary Brugger, Dept. of Ecology

2/25/83

Lt the EPA DOE Metre bruefing on Dec 21, 1962,
It was agreed that mem would nave the lead role
in dealing with these problems in the Dimannich,
but we would continue to keep you informed of
the progress. Before you take any action
regarding PCB's on Boring or City Light
"To corty, Call we at 447-6841

Tom Hubbard

SCL 04270

PCB TESTS

			••	Aroclo			
Date	Sample	Stn. Description	1242	1248	1254	1260	Total
8-12-82	F	Boeing Field SD, in-line sediment	7	7	5 5	9	78.0
8-12-82	G	Boeing Flume, Georgetown sediment	4,400	4,400	3,600	400	12800







Director

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

Maii Stop PV-11 • Olympia, Washington 98504 • (206) 459-6000

<u>M E M O R A N D U M</u> April 16, 1985

TO:

Gary Brugger

FROM:

Mike Schlender, Chemist

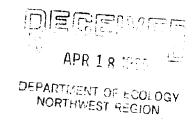
SUBJECT:

PCB Analysis of Duwamish Slip Number 4

Sediment Samples

Nine sediment samples, numbers 097102 - 110, collected February 22, 1985, were received at the Manchester Environmental Laboratory on February 22, 1985 for PCB analysis. The results of the analysis are attached.

Enclosure MS:cm



SCL 04272

PROJECT: Duwamish Slip 4	COMPILLO BY:	Mike Schleuder MAII:	4-10-85
LABORATORY: Manchester		UATE:	

	SAMPLE #	: 09710-	2	3	i.f	5	6	7	Х	9	10
	UNITS	· wy/ky	M/K	145/Kg	M/Ks	M/K		14/14	m/K	us/K	w/Ks
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* Dry weight Busis



DEPARTMENT OF ECOLOGY NORTHWEST RECON

Governo:



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

4350-150th Ave. N.E. • Redmond, Washington 98052 • (206) 885-1900 MEMORANDUM

June 19, 1984

TO:

S. Messman, J. Conroy, G. Brugger, M. Dawda

FROM:

B. Smith

STRIFECT: Boeing - North Field/Seattle City Light-Georgetown Soil and Sediment Sampling

In the Duwamish River study done by EPA, PCB was found in sediment of two areas of the river, one of which is Slip #4. Subsequently, Metro sampled sediment in stormwater lines tributary to Slip #4 including the City Light flume. Metro found PCB in the sediment of the flume immedistely founstream from Boeing's North Field facility and City Light's Seorgatown plant.

In response to Metro's findings, Seattle City Light began sampling the area around its plant during 1982 and 1983. Samples included sediment at the head of the flume and soil around the full storage tanks. No PCB contamination was found. During March 1984, City Light did additional sampling at the plant. A composite of sediment in a stormwater pond at. the southwest corner of City Light's property showed 500 ppm PCB. Stormwater tributary to the pond flows from City Light property to the morth and from Boeing - King County Airport property to the east. City light cleaned up a small trash dump just north of the pond about six months ago. At the same time, the dump area was regraded, filling in a* ditch which connected the boiler blowdown line with the pond. During wet weather the pond overflows into catch basins on Boeing's property which are tributary to the flume.

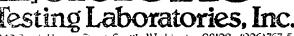
After reviewing the City Light lab results, Boeing decided to sample the fire pit area upstream from the pond and stormdrains downstream from the pond. Samples were collected on May 14, 1984 and analyzed by Lauck's Laboratory. Parameters run were PCB, PAH, and lead. On June 11, 1984, Mike Dawda and I met with Kirk Thomson, Elliot Berliheiser and other Boeing personnel and Claire Dykeman from Seattle City Light. The lab data from Lauck's May 14 sampling were reviewed. (Copy attached). Because PCB was found in the stormdrains, Boeing is planning to write a proposal outlining cleanup and disposal procedures for the contaminated sediments in their line. The proposal will be forwarded to WDOE and That (Margo Partridge) for review. No cleanup work will be started howe , until City Light determines a source and/or cleans PCB contaminat a from their property.

SCL 04274

City Light expects to do further sampling by July 1. Laboratory results will be available two weeks thereafter. City Light will then make decisions, in cooperation with WDOE, EPA, and Boeing regarding cleanup, disposal, long-term monitoring, additional sampling and so on.

BJS:ph





Certificate

940 South Harney Street, Scattle, Washington 98108 (206) 767-5060

Chemistry Microbiology, and Technical Services

Boeing Co.

P.D. Dox 3707

Seanfle, WA 98124

Mark Thompson M/S 9A-43

REPORT C1:

DEDIMENT

LABORATORY NO 84717

May 30, 1984

PO #B-315355

IDENTIFICATION

Sampled by us on May 14, 1984 at the Boeing Flight Center, Boeing Field, Seattle, WA.

TESTS PERFORMED AND RESULTS

The samples were taken with a shovel through a layer of standing water to sediment depth of approximately 0-4".

Samples are identified as shown below:

- 1) Fluxe at north end of Building 323
- 2) Catch basin at east side of Building 3302
- 3) Manhole at east side of Building 323

	1		3
Total Solids, %	38.4	58.4	81.7
	parts per mil	lion (mg/kg	g), dry basis
Lead	430.	150.	37.
PCBs, Aroclor 1242	ND	60.	5.2
PCBs, Aroclor 1254	520.	66.	9.9

Samples were also analyzed for Gravimetric Polycyclic Aromatic Hydrocarbons in accordance with Washington State Department of Ecology WAC 173-303. The method requires analysis of the sample through successive stages until the result obtained is less than 1% by weight (as received basis) or until the fourth stage has been completed. Results are as shown on following page.



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